

FIG. 1 is a perspective view of a semiconductor device 100. The device includes a substrate 102 with a top surface 102S and a bottom surface 102L. A layer 104 is formed on the top surface 102S. Various components are labeled, including 106, 106A, 108, 110E, 110V, 120, 120C, 120U, 122A, 124, 124A, 126A, 128, and 120S. Arrows indicate electrical connections or signals, such as II and III.

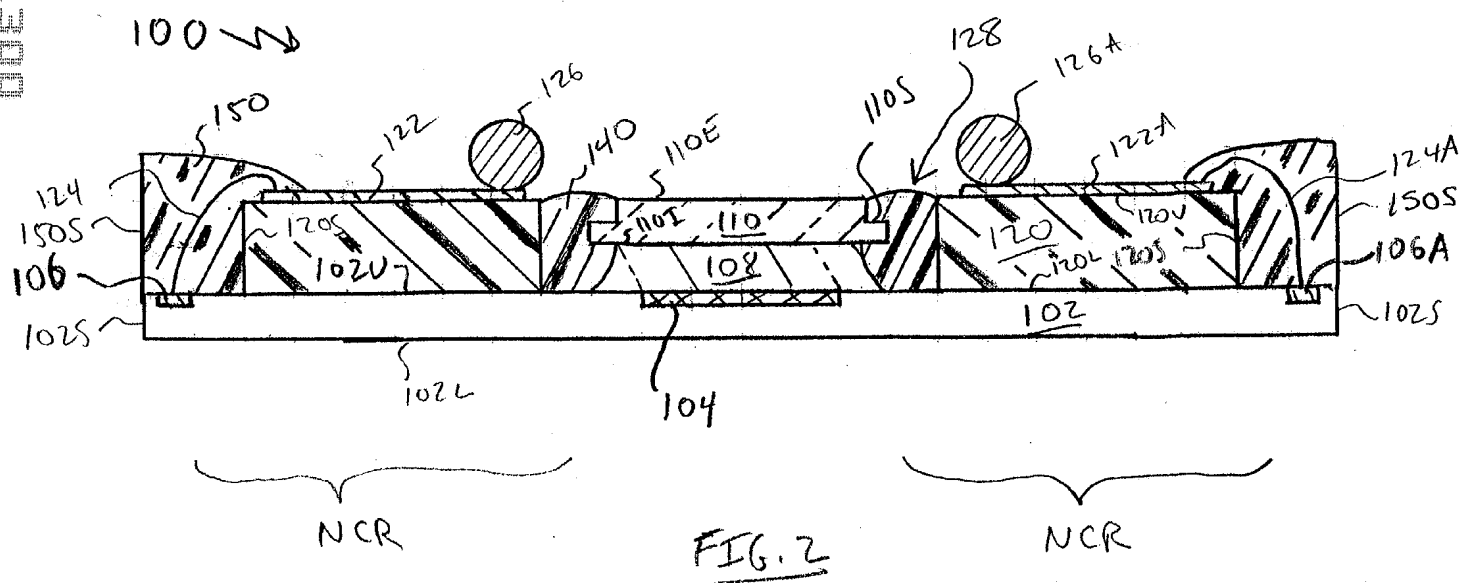


Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 1.5
Gender (male/female)	10/10
Education (years)	12.0 ± 1.0
Occupation (retired/working)	10/10
Marital status (married/divorced/widowed)	10/0/0
Income (USD/month)	1,200.0 ± 100.0
Smoking status (smoker/nonsmoker)	5/5
Alcohol consumption (yes/no)	2/8
Comorbidities (hypertension/diabetes/cholesterol)	5/5/5
Medication (antihypertensive/antidiabetic/anticholesterol)	5/5/5
Physical activity (sedentary/active)	5/5
Stress level (low/moderate/high)	5/5/0
Sleep quality (good/poor)	5/5
Depression score (mean ± SD)	15.0 ± 2.0
Anxiety score (mean ± SD)	18.0 ± 3.0
Life satisfaction score (mean ± SD)	25.0 ± 4.0
Health-related quality of life score (mean ± SD)	30.0 ± 5.0
Overall health status (good/fair/poor)	5/5/0
Study duration (months)	12.0 ± 1.0
Dropouts (n)	0
Final sample size (n)	20

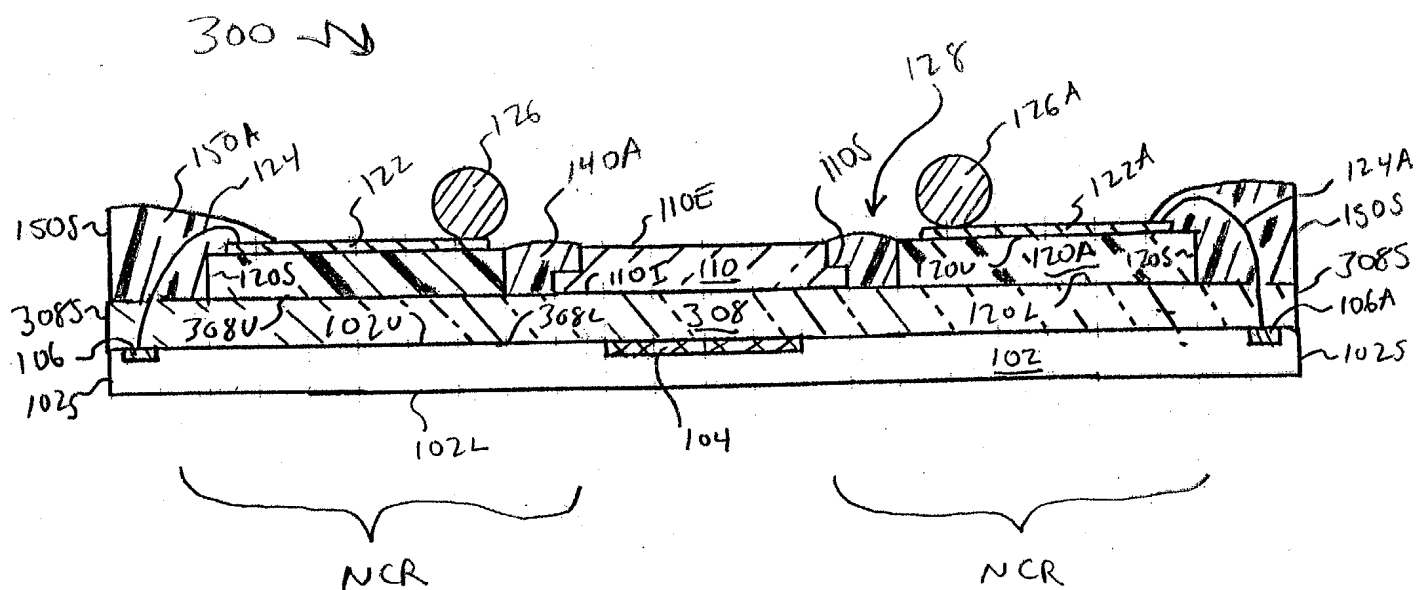


FIG. 3

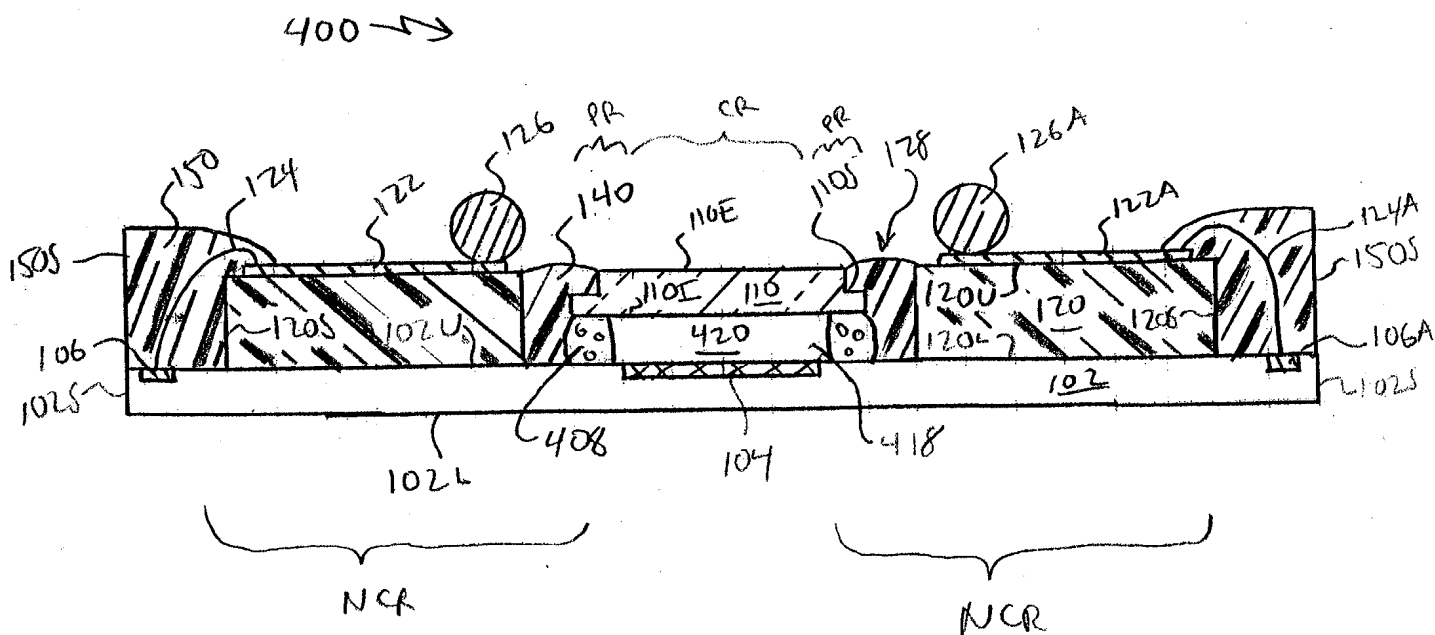
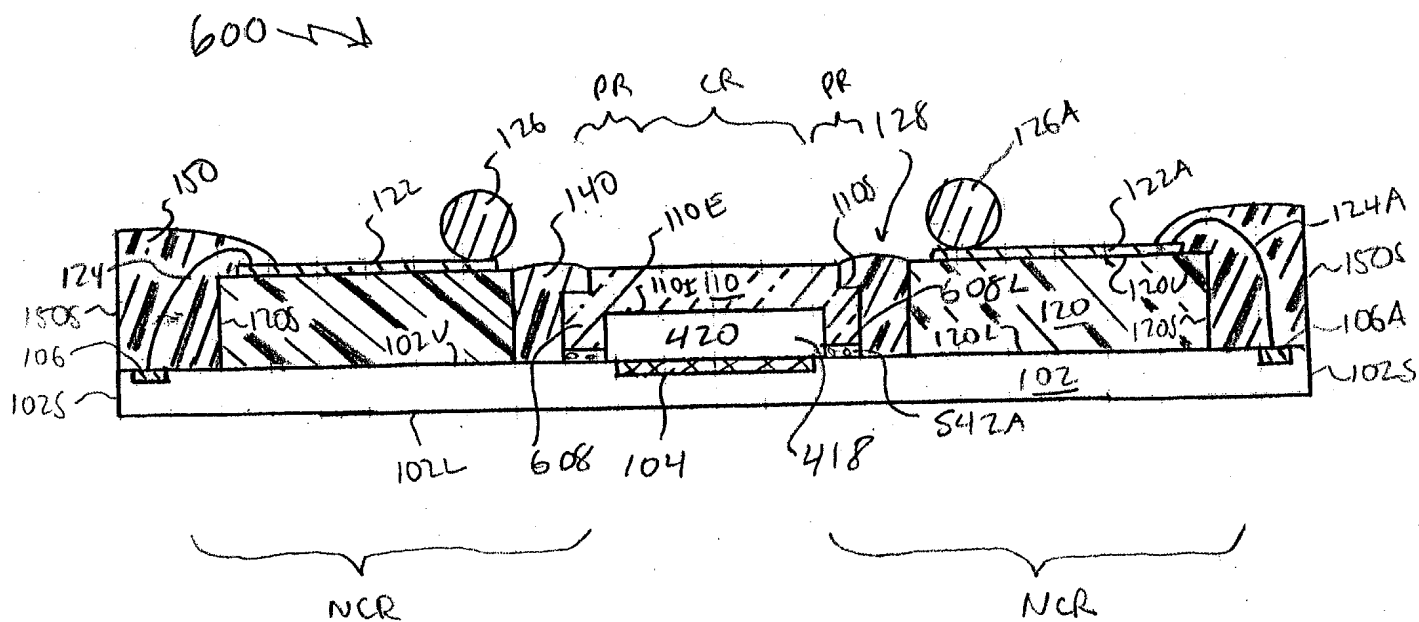
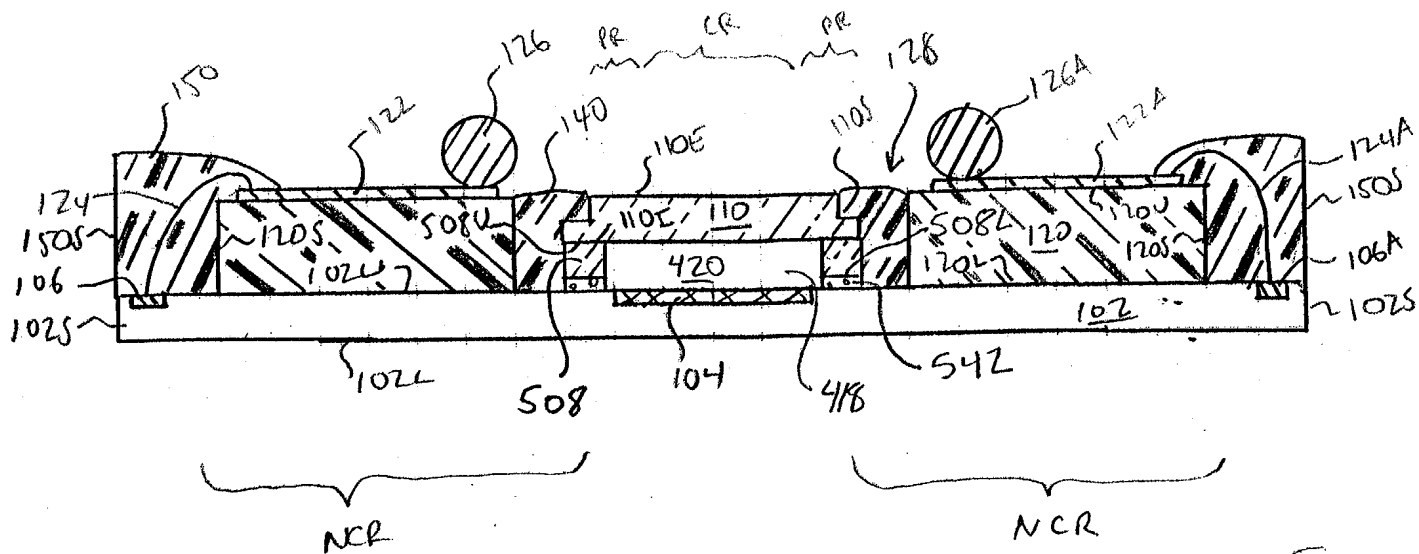
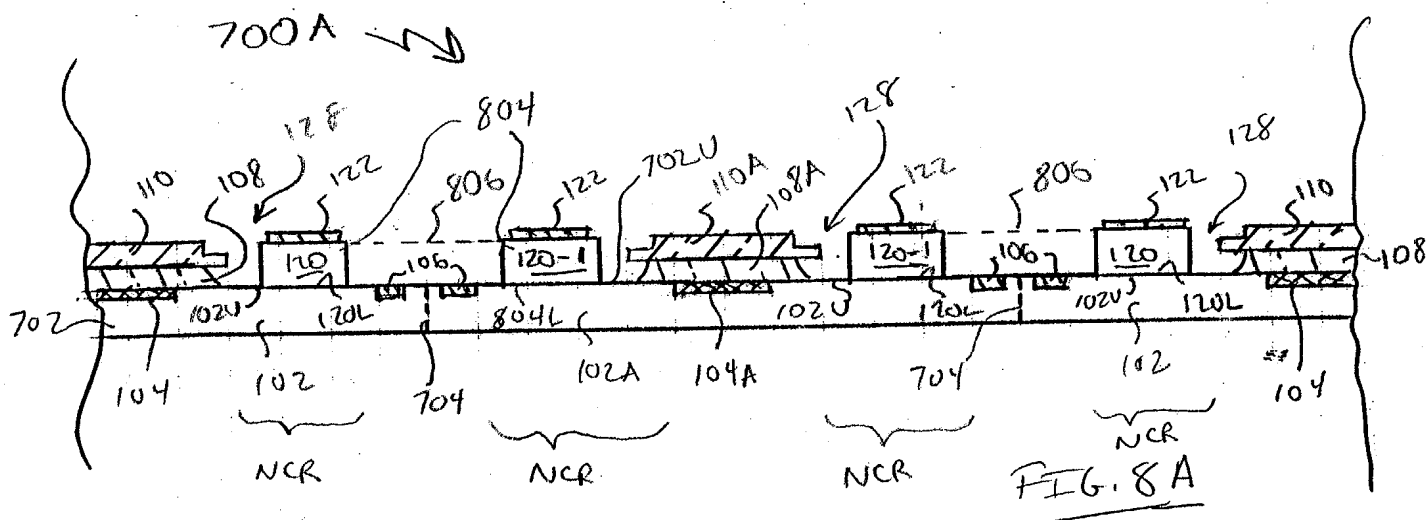
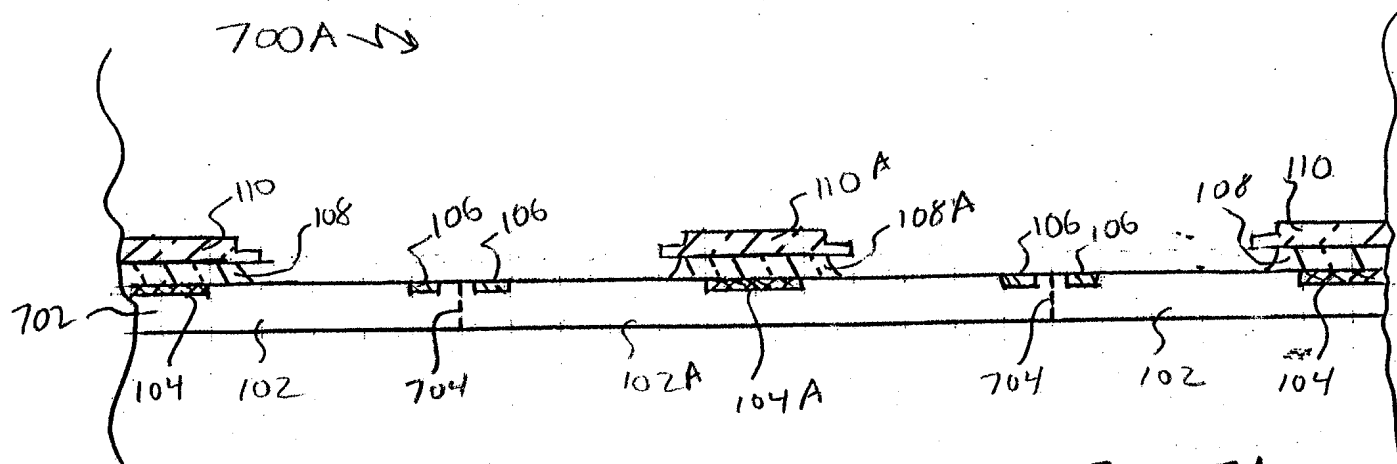
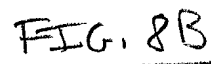
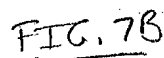


FIG. 4

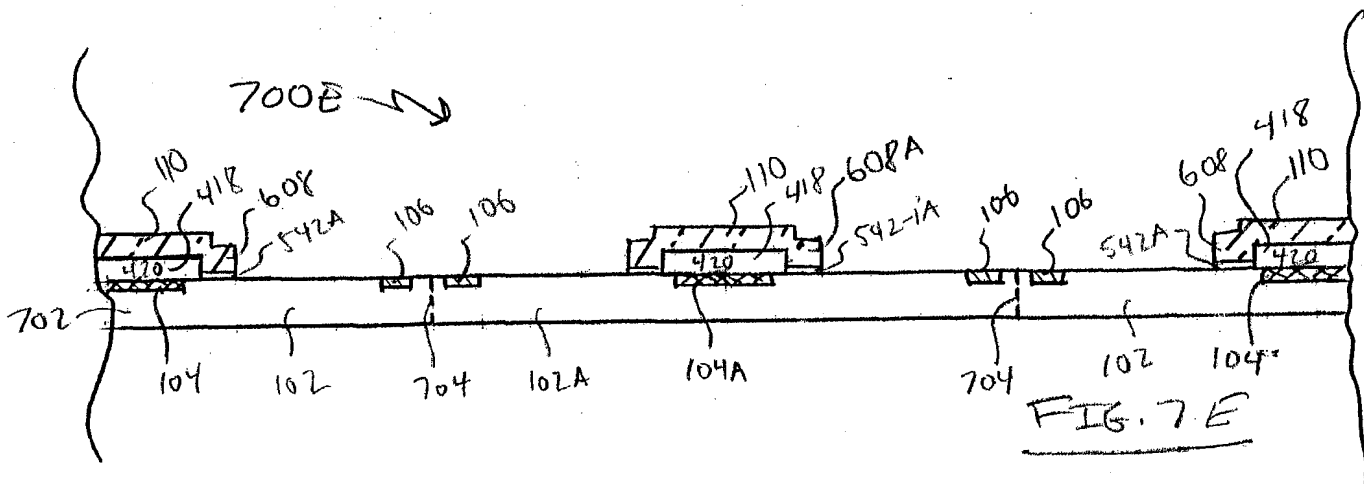
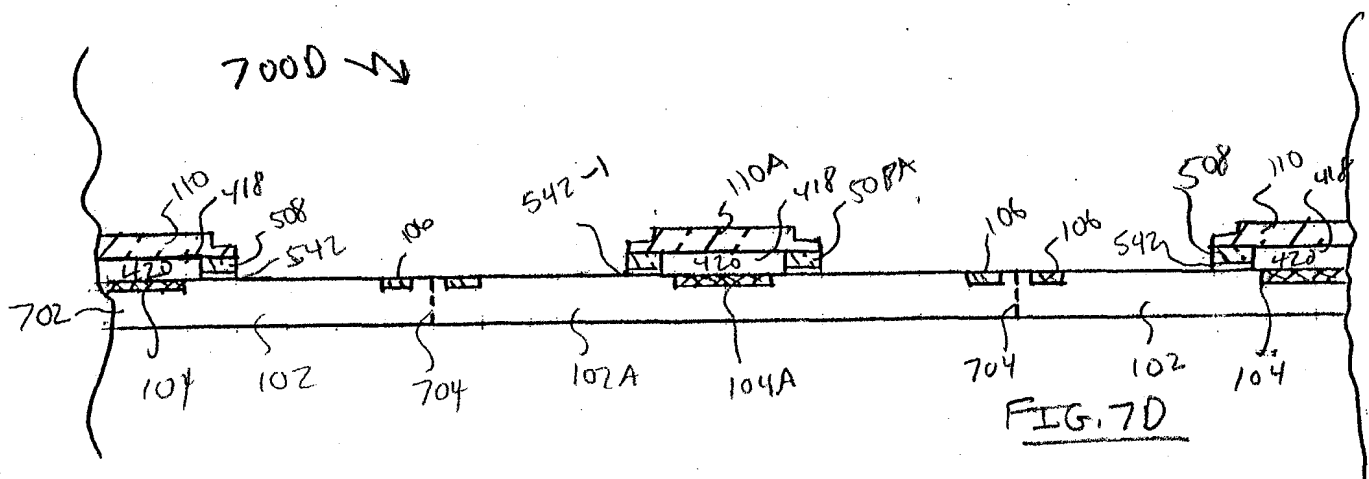
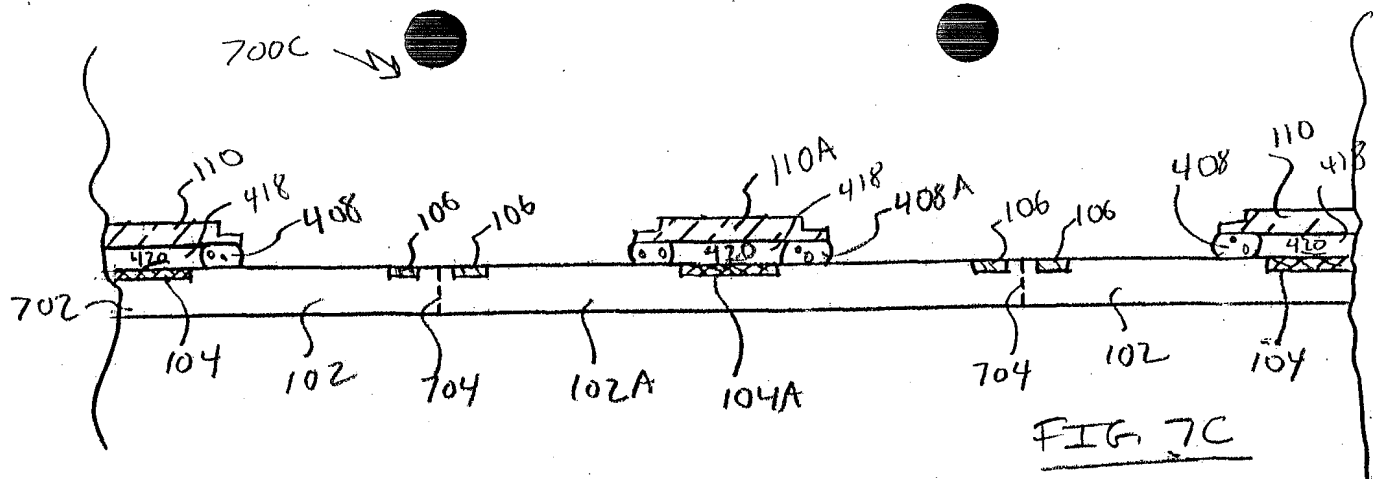
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Variable	Mean	Standard Deviation	Minimum	Maximum
Age	35.2	12.5	22	65
Gender	0.45	0.50	0	1
Marital Status	0.60	0.49	0	1
Education	12.8	2.1	9	16
Income	45000	15000	20000	80000
Health	0.75	0.43	0	1
Smoking	0.30	0.46	0	1
Alcohol	0.20	0.40	0	1
Exercise	0.10	0.31	0	1
Stress	0.50	0.50	0	1
Sleep	0.60	0.49	0	1
Appetite	0.70	0.46	0	1
Mood	0.80	0.39	0	1
Energy	0.90	0.29	0	1
Concentration	0.85	0.35	0	1
Memory	0.80	0.40	0	1
Emotion	0.70	0.46	0	1
Behavior	0.60	0.49	0	1
Thought	0.50	0.50	0	1
Feeling	0.40	0.49	0	1
Perception	0.30	0.46	0	1
Attention	0.20	0.40	0	1
Intuition	0.10	0.31	0	1
Insight	0.05	0.22	0	1
Wisdom	0.02	0.10	0	1
Knowledge	0.01	0.05	0	1
Understanding	0.00	0.01	0	1
Reason	0.00	0.00	0	1
Logic	0.00	0.00	0	1
Math	0.00	0.00	0	1
Science	0.00	0.00	0	1
History	0.00	0.00	0	1
Geography	0.00	0.00	0	1
Language	0.00	0.00	0	1
Art	0.00	0.00	0	1
Music	0.00	0.00	0	1
Sports	0.00	0.00	0	1
Games	0.00	0.00	0	1
Books	0.00	0.00	0	1
TV	0.00	0.00	0	1
Internet	0.00	0.00	0	1
Mobile	0.00	0.00	0	1
Car	0.00	0.00	0	1
House	0.00	0.00	0	1
Job	0.00	0.00	0	1
Family	0.00	0.00	0	1
Friends	0.00	0.00	0	1
Community	0.00	0.00	0	1
Society	0.00	0.00	0	1
World	0.00	0.00	0	1
Universe	0.00	0.00	0	1
God	0.00	0.00	0	1
Religion	0.00	0.00	0	1
Philosophy	0.00	0.00	0	1
Life	0.00	0.00	0	1
Death	0.00	0.00	0	1
Afterlife	0.00	0.00	0	1
Heaven	0.00	0.00	0	1
Hell	0.00	0.00	0	1
Angels	0.00	0.00	0	1
Devils	0.00	0.00	0	1
Spirits	0.00	0.00	0	1
Witches	0.00	0.00	0	1
Magicians	0.00	0.00	0	1
Warlocks	0.00	0.00	0	1
Druids	0.00	0.00	0	1
Shamans	0.00	0.00	0	1
Monks	0.00	0.00	0	1
Nuns	0.00	0.00	0	1
Popes	0.00	0.00	0	1
Bishops	0.00	0.00	0	1
Cardinals	0.00	0.00	0	1
Archbishops	0.00	0.00	0	1
Priests	0.00	0.00	0	1
Deacons	0.00	0.00	0	1
Monks	0.00	0.00	0	1
Nuns	0.00	0.00	0	1
Popes	0.00	0.00	0	1
Bishops	0.00	0.00	0	1
Cardinals	0.00	0.00	0	1
Archbishops	0.00	0.00	0	1
Priests	0.00	0.00	0	1
Deacons	0.00	0.00	0	1



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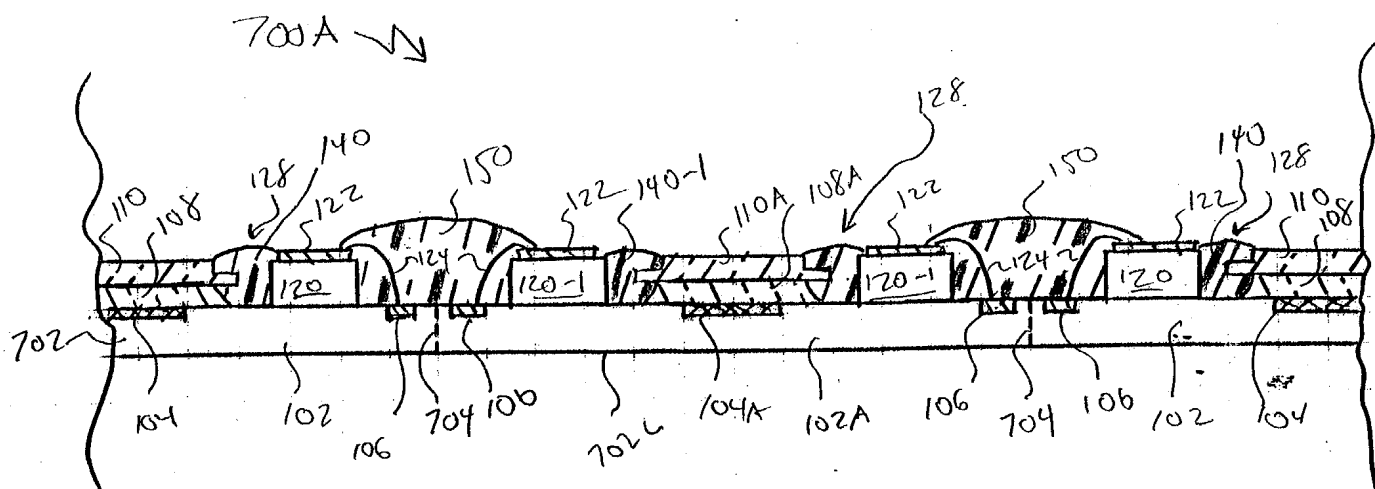


FIG. 10

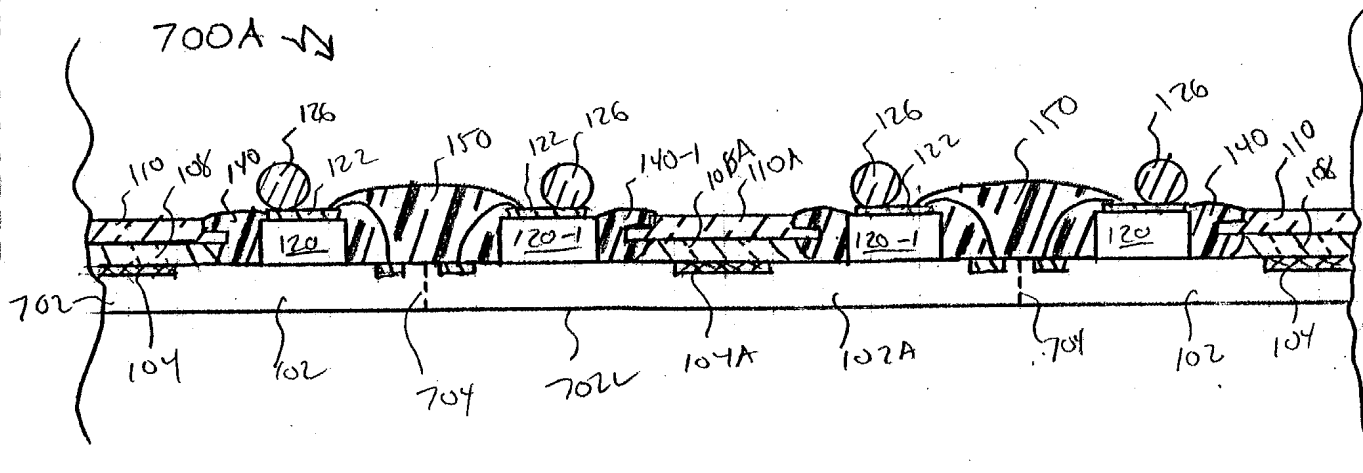


FIG. 11

Figure 1 is a 3D bar chart illustrating the distribution of the number of children per family (X-axis, 0 to 12) across different levels of education (Y-axis, 0 to 12 years). The Z-axis represents the proportion of families. The chart shows that as the number of children increases, the proportion of families with higher education levels (10-12 years) decreases, while the proportion of families with lower education levels (0-6 years) increases. The highest proportion of families with 12 children is in the 0-6 years education category.

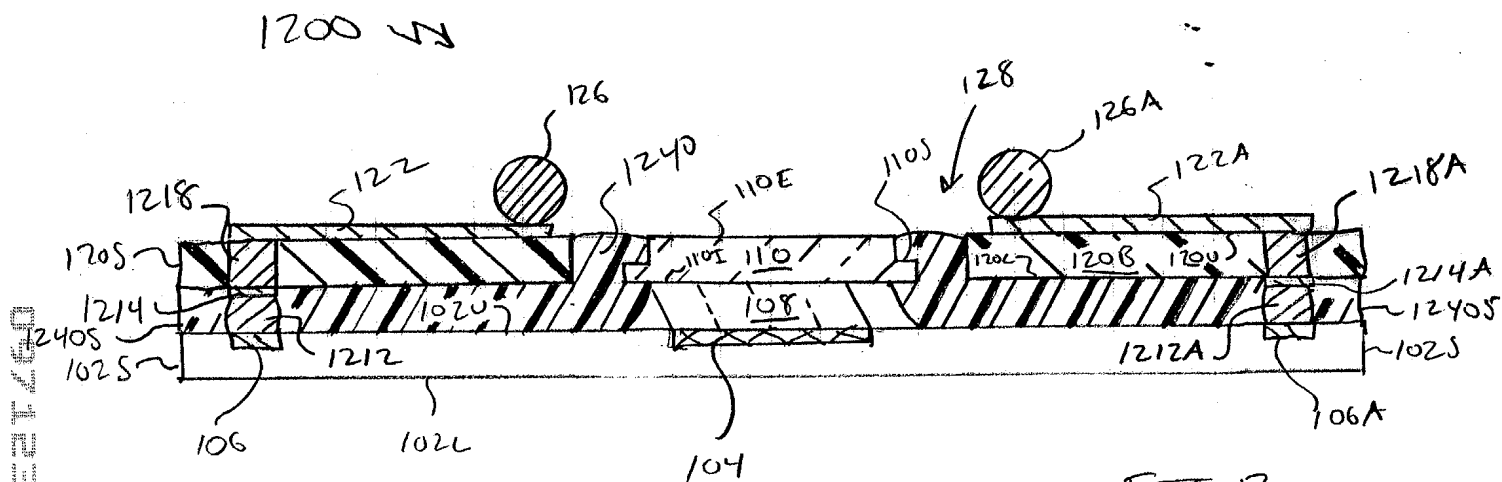


FIG. 12

Parameter	Value	Unit
Mean	1.0	
Standard deviation	0.5	
Minimum	0.0	
Maximum	2.0	
Median	1.0	
Mode	1.0	
Range	2.0	
Skewness	0.0	
Kurtosis	0.0	
Correlation coefficient	0.0	
Chi-square	0.0	
F	0.0	
T	0.0	
U	0.0	
W	0.0	
Z	0.0	
Y	0.0	
X	0.0	
V	0.0	
U	0.0	
T	0.0	
S	0.0	
R	0.0	
Q	0.0	
P	0.0	
O	0.0	
N	0.0	
M	0.0	
L	0.0	
K	0.0	
J	0.0	
I	0.0	
H	0.0	
G	0.0	
F	0.0	
E	0.0	
D	0.0	
C	0.0	
B	0.0	
A	0.0	

